

**29 November 2000**



**Supply**

**RECOVERABLE AND UNUSABLE  
PETROLEUM PRODUCTS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

**NOTICE:** This publication is available digitally on the AFDPO/PP WWW site at:  
<http://afpubs.hq.af.mil>.

---

OPR: 92 SUPS/LGSF (MSgt Campbell)

Certified by: 92 LG/CC (Col Lemons)

Pages: 3

Distribution: F

---

This instruction establishes procedures for collecting, storing, returning to inventory, reusing, recycling, and disposing all recoverable, unusable, and hazardous waste petroleum products generated on base. It applies to all units and agencies assigned to or attached to Fairchild AFB. Reference: T.O. 42B-1-1, T.O. 42B-1-23 and AFI 23-502.

**1. General Policies:**

1.1. Organizations that generate recoverable or unusable petroleum must adhere to this instruction. Every precaution will be taken to ensure petroleum products are not contaminated by foreign substances including different fuel types.

1.2. All recoverable fuel must meet minimum specifications IAW T.O. 42B-1-1 to be returned to the Fuels Management Flight.

**2. Petroleum Products Stocked on Base:**

2.1. Currently Fairchild Air Force Base stocks JP-7 and JP-8 Aviation Fuel, JP-10 Missile fuel, Gasohol Unleaded Regular, Premium Unleaded, and Diesel Fuel.

**3. Generators of Recoverable and Unusable Products:**

3.1. All organizations with the exception of Fuels Management and aircraft maintenance squadrons do not anticipate the generation of recoverable or unusable petroleum products.

3.2. Base Fuels Management and aircraft maintenance squadrons (aircraft maintenance and AGE) generate recoverable petroleum products from refueling unit sumps, bulk storage tank bottoms, aircraft sumps, aircraft requiring fuel cell inspections and repairs, and AGE equipment. This fuel will be collected and temporarily stored in portable fuel bowzers. All water must be drained off and treated IAW para 3.3. of this instruction.

3.3. Organizations collecting wastewater from refueling unit sumps, tank bottoms, aircraft sumps and AGE equipment will treat it through a charcoal carbon filtering system located at Building 2034 or 2408. The treated wastewater will subsequently be disposed of by allowing it to be discharged into the sanitary sewer system. Authorization to utilize these facilities for disposal of wastewater must be obtained through the Fuels Control Center at 7-2411.

**4. Collecting Recoverable or Unusable Petroleum Products:**

4.1. Each organization is responsible for establishing procedures on collecting recoverable or unusable fuel products. Contact the Base Environmental Coordinator for assistance. The Fuels Management Flight will provide organizations owning support tanks the required tank custodian training classes and answer questions or provide assistance on any fuel-related problem.

**5. Methods, Equipment, and Facilities Available to Collect, Store, Return to Inventory, Reuse, Recycle, and Dispose of Products:**

5.1. Approved Containers: Portable fuel bowzers and 55-gallon drums are approved containers for collecting petroleum products. There are two approved fuel bowzers available for procurement through the Base Supply Squadron. The National Stock Numbers are: 2330-01-300-4482YR (400 gallon capacity) and 2330-01-301-0753YR (250 gallon capacity).

5.2. Location of Fuel Bowzers on Base: The Base Fuels Management Flight will maintain one fuel bowser in each of the following areas: Fuels Bulk Storage (Building 2400), Hydrants (Building 2034), and Refueling Unit Parking Lot (Building 2024). Aircraft Maintenance Squadrons will maintain their bowzers on the south side of Building 1011 when not in use.

5.3. Returning fuel to Base Fuels Management: Aviation fuel may be returned to the Fuels Management Flight provided it meets the established specifications IAW T.O. 42B-1-1 or may be downgraded to a different product IAW T.O. 42B-1-23. The Fuels Laboratory (ext 7-3776) is the coordination focal point to determine if the petroleum product is suitable for return to the base fuels inventory. The Fuels Control Center (ext 7-2411) is the focal point to obtain refueling units to defuel temporary storage containers. Quality and quantity of product will be determined by the Fuels Management Flight representative.

5.4. Returning Fuel to the Base Heating Plant: The base heating plant currently uses natural gas and will not accept waste fuels. Products that cannot be downgraded and recovered by the Fuels Management Flight will be disposed of as used oil (see the Base Hazardous Waste Management Plan).

5.5. Accounting for Fuel Returned to Base Fuels Management: A Base Fuels Management Flight representative will determine the quantity of product recovered and document it on an AF

Form 1994. This form will be forwarded to the Fuels Accounting Office to be processed through the Standard Base Supply System for credit to the generating organization.

**6. Storage and Disposal Requirements for Unusable Petroleum Products:**

6.1. All organizations that collect unusable petroleum products must maintain containers either in a controlled area or in a secured posture using locks with a positive key control system. The storage area should be diked with acceptable spill containment equipment, permanent or portable diked area. Best management practice must be employed to assure that a spill will not enter groundwater, surface water or the sanitary sewer and storm water collection system.

6.2. The 92 CES Environmental Flight can arrange to have unusable products picked up at the point of generation. A Base Pollution Prevention and Recycling Center (PPRC) representative may be sent to pick up full containers if the product cannot be stored and collected by the waste oil contractor at the point of generation. If PPRC is requested for pick up, their representative must be provided the following information: (location, quantity, and entry/exit points). The 2d Support Squadron (Weapons Storage Area) must transport unusable products to the PPRC for disposal due to escort requirements.

**7. Unusable Products Must Be Recycled Through Positive Means Whenever Possible. The Following Prioritized Guidelines Have Been Established for Sound Property Conservation Management of Recoverable and Unusable Petroleum Products:**

7.1. On-specification Fuel: On-specification fuel will be returned to the Base Fuels Management Flight's inventory for use as the original grade.

7.2. Off-specification Fuel: Off-specification fuel can be returned to the Base Fuels Management Flight for possible blending into the original product or downgrading to another product.

7.3. Surplus/Waste Fuel: Fuel that can't be returned to the Base Fuels Management Flight inventory should be categorized as surplus/waste fuel. This fuel may be recycled through a waste oil contractor or the Defense Reutilization and Marketing Office (DRMO). Credit DRMO sales to the base RRR account.

7.4. Non-recyclable Waste: Treat non-recyclable waste as hazardous waste IAW the Resource Conservation and Recovery Act. All hazardous waste must be disposed of through the PPRC.

JAMES L. LEMONS, Colonel, USAF  
Commander, 92d Logistics Group